

Practical-8

**Part – 8 (A) (Container with ScrollView)**

Code:

```
import 'package:flutter/material.dart';

void main() {
  runApp(const ScrollApp());
}

class ScrollApp extends StatelessWidget {
  const ScrollApp({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'ScrollView Example',
      home: const ScrollScreen(),
    );
  }
}

class ScrollScreen extends StatelessWidget {

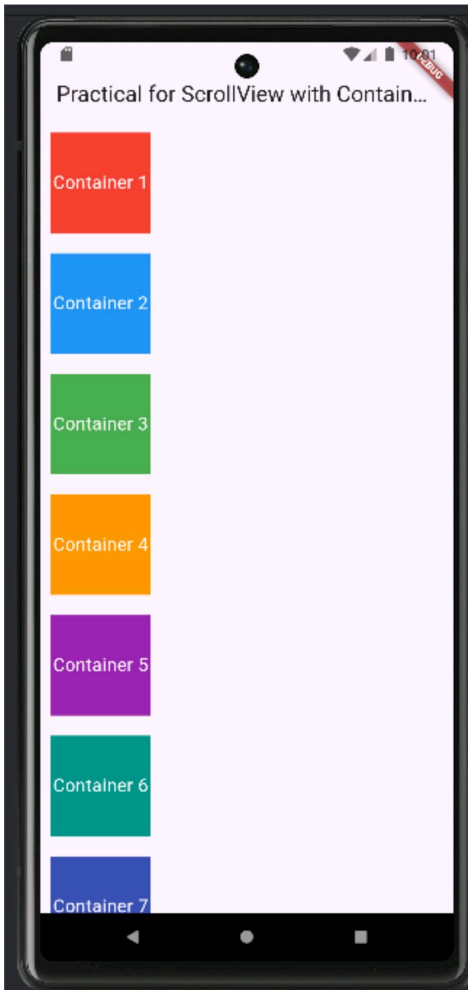
  // Define a list of custom colors as a constant
  static const List<Color> customColors = [
    Colors.red,
    Colors.blue,
    Colors.green,
    Colors.orange,
    Colors.purple,
    Colors.teal,
    Colors.indigo,
    Colors.yellow,
```

```
Colors.brown,  
Colors.cyan,  
];
```

```
@override
```

```
Widget build(BuildContext context) {  
  return Scaffold(  
    appBar: AppBar(  
      title: const Text('Practical for ScrollView with Containers'),  
    ),  
    body: SingleChildScrollView(  
      child: Column(  
        children: List.generate(10, (index) {  
          return Container(  
            width: 100,  
            height: 100,  
            margin: const EdgeInsets.all(10),  
            color: customColors[index % customColors.length], // Use custom colors  
            child: Center(  
              child: Text(  
                'Container ${index + 1}',  
                style: const TextStyle(  
                  fontSize: 18,  
                  color: Colors.white,  
                ),  
              ),  
            ),  
          ),  
        })),  
    ),  
  ),  
);
```

```
);  
}  
}
```



### **Part – 8 (B) (Custom font)**

\*first download the font from google fonts\*

\*extract it to 'fonts' folder of the project\*

\*if 'fonts' not exist create it\*

\*change under main.dart\*

Code:

```
import 'package:flutter/material.dart';
```

```
void main() {
```

```
runApp(MyApp());  
}
```

```
class MyApp extends StatelessWidget {  
  @override  
  Widget build(BuildContext context) {  
    return MaterialApp(  
      title: 'Custom Font Demo',  
      theme: ThemeData(  
        primarySwatch: Colors.blue,  
      ),  
      home: MyHomePage(),  
    );  
  }  
}
```

```
class MyHomePage extends StatelessWidget {  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: Text('Practical for Custom Font Demo'),  
      ),  
      body: Center(  
  
        child: Text(  
          'Custom Font! '  
            'Poppins',  
          style: TextStyle(  
            color: Colors.blue,  
            fontFamily: 'Poppins',
```

```
    fontSize: 20,  
    fontWeight: FontWeight.bold,  
  ),  
),  
),  
);  
}  
}
```

pubspec.yaml

flutter:

fonts:

- family: Poppins

fonts:

- asset: fonts/Poppins-Regular.ttf

- asset: fonts/Poppins-Bold.ttf

weight: 600

